

REMARKS

Applicant acknowledges receipt of the Office Action dated June 20, 2003. Claims 53-88 were rejected under 35 U.S.C. § 102 as being unpatentable over U.S. Patent No. 4,910,667 issued to Tanaka et al. ("Tanaka") in view of U.S. Patent No. 6,266,759 issued to Birrittella ("Birrittella"). In light of the foregoing amendments and following remarks, Applicant respectfully requests the reexamination and reconsideration of all pending claims.

Claim 53 has been amended to include:

generating a vector transfer unit exception if a second program attempts to transfer vector data between memory and a register of the register file via any vector buffer of the vector buffer; if said configuration register indicates that said vector buffer is in use.

These added limitations were originally contained in claim 55. Claim 55 has been cancelled. Claim 55 was rejected under 35 U.S.C. § 103. In rejecting claim 55, the Office Action alleges that Birrittella teaches the added limitations of claim 53 citing column 6, lines 2-9. Applicant has reviewed column 2, lines 6-9 of Birrittella and can find no teaching or fair suggestion of generating a vector transfer unit exception if a second program attempts to transfer vector data between memory and a register of the register file via any vector buffer of the vector buffer pole, if said configuration register indicates that said vector buffer is in use, either alone or in combination with the remaining limitations of independent claim 53. Indeed, column 6, line 2-9 fails to teach or fairly suggest that actions are dependent upon second program operation. As such,

Applicant submits that amended claim 53 is patentably distinguishable over the references cited.

Claims 54 and 56-65 depend directly or indirectly from independent claim 53. Insofar as independent claim 53 has been shown to be patentably distinguishable over the references cited, it follows that claims 54 and 56-65 are likewise patentably distinguishable.

Independent claims 66 and 77 are amended to include limitations similar to the limitations added to independent claim 53. Applicant asserts that independent claims 66 and 77 are patentably distinguishable over the cited references for reasons similar to that set forth above.

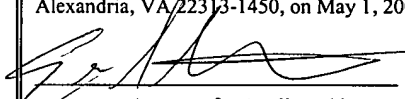
Claims 67-76 depend from independent claim 66. Insofar as independent claim 66 has been shown to be patentably distinguishable over the references cited, it follows that all claims 67-76 are likewise patentably distinguishable.

Claims 78-88 depend from claim 77. Insofar as claim 77 has been shown to be patentably distinguishable over the references cited, it follows that claims 78-88 are likewise patentably distinguishable.

CONCLUSION

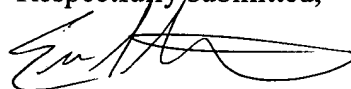
In view of the amendments and remarks set forth herein, the application is believed to be in condition for allowance and a notice to that effect is solicited. Nonetheless, should any issues remain that might be subject to resolution through a telephonic interview, the Examiner is invited to telephone the undersigned at 512-439-5093.

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on May 1, 2003.

  
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Attorney for Applicant(s)

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Date of Signature

Respectfully submitted,



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